

Create better content – simpler and faster



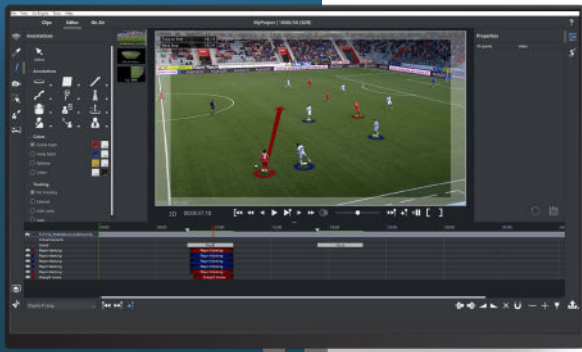
Fans want more – more content, more data, and more insights – in real-time and on every matchday. To make your sports coverage a must-see and ensure your channel becomes indispensable for your viewers, you need to produce engaging content that sets you apart.

Offering more in-depth content helps viewers understand tactics, game action, and controversial situations, increasing engagement, coverage uptake and ROI alike.

Viz Libero, the market-leading sports analysis software, has everything needed to elevate your coverage and make more out of your sports rights by **creating more original, consistently high-quality content, using existing resources, regardless of the location – for any sport and on every matchday.**

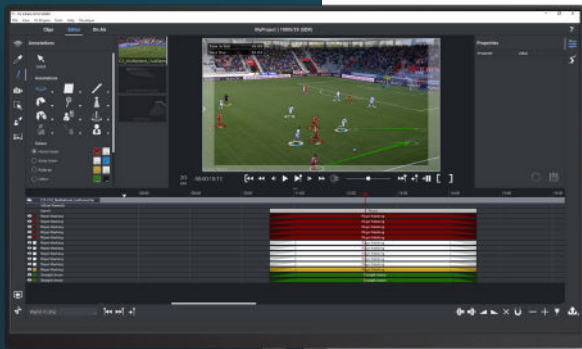
SECONDS INSTEAD OF MINUTES

to create and playout an analysis clip



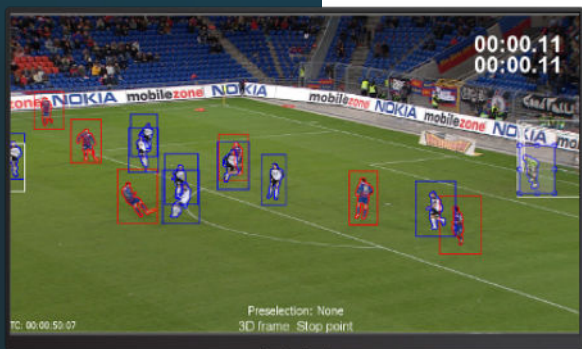
Intuitive User Interface

The straightforward user interface puts all features at your fingertips - from calibration and accessing video to adding data, 3D virtual effects, and telestration complete with preview and one-click playback - allowing the creation of engaging pre-, post, and in-game analysis in no time.



Fast and Easy to use

Viz Libero supports you with functionalities that ensure repeatable precision and speed for every clip so you can focus on the content. Fast project set-up, calibration and color model definition ensure accurate placing of all elements and effects. The clear structure of the NLE editor displays selected camera, virtual elements, and speed in fixed sections and allows fast access and error-free adjustments to all relevant elements on the timeline.



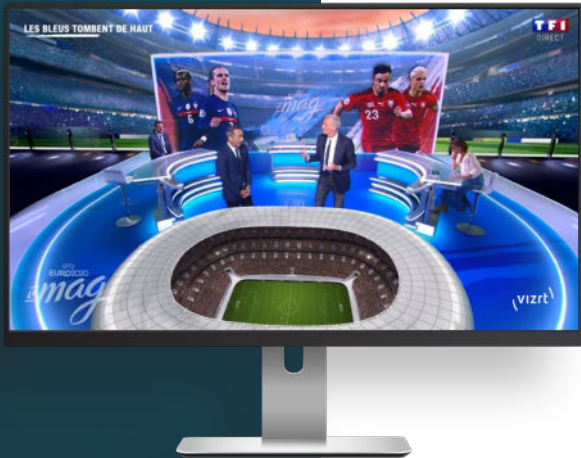
Automated features

Using any available video material, Viz Libero generates virtual camera images that appear deceptively realistic. It only takes a few clicks to seamlessly combine eye-catching 3D replays showing a situation from different perspectives, with powerful 3D effects and dynamic, tied-to-field graphics to enhance sports highlights and clips. With automated features like Player-tracking and 3D camera flights, high-impact content can be created fast and effortless. Viz Libero's architecture enables custom graphics to ensure brand consistency for every clip, regardless of the workflow.



Virtual Views and AR

Photorealistic augmented reality views like Virtual 3D Flights, Views, Slow-motion and Runs create new insights and perspectives that cameras never captured and **lift your sports analysis to a whole new level**. Based on nothing more than existing TV images, seamlessly switches between real and virtual images, **instantly grabbing the viewer's attention** the pitch appears in front of the presenter, the anchor steps onto the field or a Virtual Stadium becomes part of the studio allowing the viewer to fly over the field essentially.



Fully integrated

Viz Libero does not need any infrastructure and at the same time allows integration with the major video-replay systems such as EVS or Dreamcatcher, and flexibly adapts to live-, file-exchange or server-based production environments. You can set up live-data integration with leading sports data providers such as Opta, NFL and NBA to create data-driven graphics, or use open API for individual integrations. AR elements can be easily integrated into a studio, anchors can telestrate highlight clips from the games interactively using a touchscreen. As part of Vizrt's ecosystem, Viz Libero leverages the developments of Viz Engine and strictly follows the principle of simplifying the use of sophisticated graphics.

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You'll be surprised at the positive outcome of what you can achieve with these clips.

Pedro Filipe Maia,
Editor in Chief
at ELEVEN Portugal

Made for all sports

Viz Libero is a turn-key solution for all sports. Whether Football, Basketball, Motorsport, Handball or beyond – Viz Libero's incredible toolset **can be applied to any sport with minimal effort**.



TECHNICAL CAPABILITIES

Focus on creating engaging content in varying production workflows and at different locations and maintain the same high level of content quality and

quantity to your audiences on every matchday with a flexible solution you can scale to your production needs – for every sport.

VIZ LIBERO			
CAPABILITIES	ESSENTIAL	PREMIUM	ULTIMATE
Sport included	1	1	ALL INCLUDED
Overlay Graphics & On-Field Graphics	✓	✓	✓
Tracking & Measurement Tools	✓	✓	✓
NLE Timeline / Graphics Editor	✓	✓	✓
Vizrt Workflow Integration	✓	✓	✓
SDI Disk Recorder	✓	✓	✓
Data Plugin Framework	✓	✓	✓
Advertisement Logos	✓	✓	✓
Virtual SloMo	✓	✓	✓
Custom Tools	✓	✓	✓
3D Camera Flights	-	✓	✓
Virtual Views	-	✓	✓
3D Player Tools (Move, Hide, ...)	-	✓	✓
Virtual Run	-	-	✓
Automatic Player Tracking	-	-	✓
Virtual Stadium & Panorama Stitch	-	-	✓
Viz Artist Preview	-	-	✓
Data Plugins (Opta, NBA & NFL)	-	-	✓
Vizrt Support	24/7	24/7	24/7
OPTIONS			
Data Plugins (Opta, NBA & NFL)	0	0	INCLUDED
Additional Sport	0	0	ALL INCLUDED
Remote Telestrator	0	0	0
AR & Live Virtual Presenter	0	0	0
4K Video Enablement	0	0	0
Viz Artist Preview	0	0	INCLUDED
Professional Services Package	0	0	0
Vizrt Enterprise Support	0	0	0

* Vizrt Support is a global support organization providing unlimited 24/7 support for critical production-down issues, a detailed ticketing system for raising and monitoring support tickets, access to an evolving and searchable online product support knowledgebase, and unlimited user access to Viz University product training courses for rapid user onboarding.

✓	Included
0	available



1

Easy to use

An intuitive, iconified UI puts all functionalities at your fingertips – from input calibration to one-click playout- making Viz Libero easy for new and experienced users.

2

Fast and accurate

Automated features like Automatic player tracking and 3D-camera flights speed up the creation of high-impact content; with preview and zoom, you always have complete control without rendering.

3

Integrate with ease

Quickly adapt to any remote or on-site production workflow to create stunning content using data-driven visualizations, brand-consistent graphics or AR elements integrated with the studio – matchday in and out.



Seamless Studio integration

Viz Libero seamlessly integrates with your studio, or anchors can telestrate highlight clips from the games interactively using a touchscreen. Leveraging the advancements of Vizrt's render engine and strictly following Vizrt's principle of making

sophisticated graphics simple, Viz Libero enables the use of custom graphics to ensure brand consistency for every single clip regardless of the chosen workflow.

Vizrt XR Set Solution

XR Set is the global standard for Virtual Set and AR graphics, blending best-of-class photorealistic rendering with the real world while providing full interaction through control applications or video walls.

Vizrt products in this Solution



Viz Virtual Studio



Viz Arc



Viz Artist



Viz Engine

Vizrt XR Venue Solution

The XR Venue solution is the leading augmented reality (AR) technology for real-time virtual sports enhancements graphics, delivering stunning results with image-based technology.

Vizrt products in this Solution



Viz Engine



Viz Artist



Viz Arc



About Vizrt

Vizrt® is the world's leading provider of innovative visual storytelling tools for media content creators in broadcast, enterprise, or new media – unlocking the power of a story for all.

Vizrt offers market-defining software-based solutions for real-time 3D graphics, video playback, studio automation, sports analysis, media asset management, and journalist story tools.

More than three billion people watch stories told by Vizrt customers everyday including from media companies such as CNN, CBS, NBC, Fox, BBC, Sky Group, Al Jazeera, NDR, ZDF, Network 18, Tencent, and many more.

